

## A NEW SPECIES OF BULIMUS.

BY H. A. PILSBRY.

*Anctus* (?) *Stearnsianus* n. sp.

Shell narrowly umbilicate, subulate, tapering, rather solid but not thick; covered with an opaque dark olivaceous-brown cuticle, indistinctly and irregularly streaked obliquely, and wanting on the fleshy-whitish earlier whorls. Surface shining, with close, fine growth-wrinkles and very minute, close and superficial spiral striæ. Spire tapering regularly from the last whorl to the obtuse apex, which is smooth (but somewhat worn) in the specimens. Whorls 7, hardly convex, with linear sutures, the last not deflexed.

Aperture contained about  $2\frac{1}{2}$  times in alt. of shell, long-ovate, dull purplish within, somewhat oblique; peristome white, obtuse, a trifle expanded at the edge, the margin in a plane and brought forward to the level of the front of the body-whorl; columellar margin expanded; parietal callus rather heavy.

Alt. 19, diam. 7; alt. of aperture 8 mill.

Alt.  $19\frac{1}{2}$ , diam.  $7\frac{2}{3}$ ; alt. of aperture  $8\frac{1}{3}$  mill.

*Sierra de la Ventana, Argentina* (U. S. F. C.).

A peculiar species, not agreeing well with others of this group, but so far as I can see not referable to any section of *Bulimulus*. In my opinion, *Anctus* is to be grouped with *Odontostomus*, *Tomigerus* and *Anostoma*, not with the true *Bulimuli*.

The first whorl in this species is truncated pyramidal, with the earlier third depressed, rapidly ascending; a comma-shaped apical pit passed into the suture. The whorl just back of the upper angle of the aperture, is somewhat flattened, recalling the condition so conspicuous in *Plekocheilus Taylorianus* Rve. It is named in honor of my friend R. E. C. Stearns, who some years ago transmitted to me for identification specimens collected by the "Albatross."

LAND MOLLUSCA FROM THE REJECTAMENTA OF THE RIO GRANDE,  
NEW MEXICO.

BY T. D. A. COCKERELL.

A few weeks ago I collected a quantity of small land shells in the rejectamenta of the Rio Grande at Mesilla, and sent them all to Dr. Sterki, who has kindly identified them as follows:

- (1.) *Hyalinia minuscula* Binn., Nineteen examples.  
 (2.) *H. leviuscula* Sterki. Thirteen.  
 (3.) *Zonitoides arboreus* Say. One, immature, weathered.  
 (4.) *Helicodiscus lineatus* Say. Five.  
 (5.) *Vallonia perspectiva* Sterki. One; small, whorls scarcely over three.  
 (6.) *V. gracilicosta* Reinh. (probably). Three.  
 (7.) *V. cyclophorella* Aucey. One.  
 (8.) *Buliminus* ("Pupa") *fullax* Say. Fifteen.  
 (9.) *Pupa blandi* Morse. Eleven. "Very variable in altitude; a few smaller specimens are scarcely or not distinguishable from *P. triplicata* Studer, from the eastern continent, except in color, which, in *P. blandi* and other species of the group, is very variable." (Sterki.)  
 (10.) *P. arizonensis* (Gabb) W. G. B. Three. With distinct ribs.  
 (11.) *P. hordeacea* Gabb. Eighty-four. "Rather variable in size; one specimen is of considerably smaller diameter than the average." (Sterki.)  
 (12.) *P. hordeacella* Pilsbry. Thirteen.  
 (13.) *Vertigo ovata* Say. Twelve. Two are lower than the rest, with the base somewhat truncate.  
 (14.) *Cionella lubrica* Müll. One.  
 (15.) *Carychium exiguum* Say. One.

Mesilla is much lower down the river than San Marcial, whence a rejectamenta-collection was formerly recorded. Yet the types found are largely boreal. I was particularly surprised to come across the *Cionella*, which must surely have floated a long way. There was no vestige of any *Holospira*. *Limnæa*, *Planorbis* (*parrus* Say, and two others) and *Physa* occurred with the above land-shells, but there were not any traces of *Sphaerium* or *Pisidium*, nor of any operculates.

*Further Records of Land Shells from New Mexico.*

I am now able to offer two more lists of New Mexico shells, all identified, as before, by Dr. V. Sterki, who has been most kind in attending to them.

(1.) Shells from the rejectamenta of the Rio Grande at Rincon, N. M. This is between Mesilla and San Marcial. They were with much juniper debris.

14 *Hyalinia minuscula* Binn. 3 *Vertigo ovata* Say. "One albino?"

- 10 *Hyalinia leviuscula* Sterki. 2 *Succinea avara* Say.  
 2 *Helicodiscus lineatus* Say.  
 1 *Vallonia costata* Müll.  
 17 *Baliminius fallax* Say. Some apparently albino.  
 12 *Pupa hordeacea* Gabb.  
 1 *Pupa procera* Gld. "Light colored or possibly albino."  
 18 *Pupa hordeacella* Pilsb. "Very variable in altitude, as usual."  
 3 *Pupa blandi* Mse. "One quite small, and like *triplicata* Stud."  
 There were also 9 *Planorbis parvus* Say, and 2 *Planorbis* sp. Dr. Sterki had not before seen *Pupa procera* from so far west.

(2.) Shells from debris at Lone Mountain near Silver City, N. M., about 6000 ft. alt. They may have been washed two or three miles, but no great distance, certainly.

- |                                       |                                  |
|---------------------------------------|----------------------------------|
| 6 <i>Hyalinia minuscula</i> Binn.     | 37 <i>Pupa hordeacea</i> Gabb.   |
| 22 <i>Hyalinia leviuscula</i> Sterki. | 1 <i>Pupa hordeacella</i> Pilsb. |
| 1 <i>Vallonia perspectiva</i> Sterki. | 6 <i>Pupa pentodon</i> Say.      |
|                                       | 1 <i>Vertigo ovata</i> Say.      |

The range of *V. perspectiva* is extended.

---

#### ISAAC LEA DEPARTMENT.

[Conducted in the interest of the Isaac Lea Conchological Chapter of the Agassiz Association by its General Secretary, Mrs. M. Burton Williamson.]

Members of our Chapter who have not received the Transactions will be glad to learn that before many weeks the volume will have gone the rounds of the chapter. With two or three exceptions, members have promptly forwarded the volume after retaining it but one week, and the General Secretary desires to thank members for their promptness in notifying her when forwarding the reports.

---

#### A CHAPTER ON METHODS.

[From the report of Mr. A. H. Gardner. From the Transactions of the Isaac Lea Chapter for 1895.]

Not the smallest object to the collector and conchologist is symmetry in the arrangement of the cabinet. Nothing can appear worse than an untidy heterogenous array of specimens, which too frequently reflects the spirit of its author.